

Amendments to the Specification:

Please add the following new paragraph at page 1, after the title of the application:

This application is the U.S. National Phase application of PCT International Application No. PCT/GB2005/000870, filed March 7, 2005, and claims priority of British Patent Application No. 0405015.9, filed March 5, 2004.

Please add the following heading at page 1, line 5:

FIELD OF THE INVENTION

Please add the following heading at page 1, line 9:

BACKGROUND OF THE INVENTION

Please add the following heading at page 3, line 16:

SUMMARY OF THE INVENTION

Please add the following headings and paragraph at page 4, line 23:

BRIEF DESCRIPTION OF THE DRAWINGS

In order that the invention may be fully understood, the following description of a specific embodiment of an apparatus according to the invention and an Example are provided by way of illustration only, wherein reference is made to the accompanying drawings, in which:

Figure 1 is a schematic view of an apparatus according to an embodiment of the present invention;

Figure 2 is a back-scattered image of a resin-mounted sample of a catalysed DPF taken with a scanning electron microscope (SEM) showing the coating distribution for the method for the method described in EP-A-0766993; and

Figure 3 is a similar SEM image of a resin-mounted sample of a catalysed DPF obtained using the method described in the embodiment.

DETAILED DESCRIPTION OF THE INVENTION

Please replace the paragraph beginning at page 8, line 17, with the following rewritten paragraph:

According to a further aspect, the invention provides an apparatus for use in the method ~~according to any preceding claim as described above~~, comprising means for sealingly isolating a plurality of channels of a ceramic wall-flow filter from the surrounding atmosphere, means for reducing the pressure in the isolated channels to below the surrounding atmospheric pressure thereby to establish a vacuum in the pore structure of the filter walls, at least one reservoir for holding a liquid containing at least one catalyst component or a precursor thereof and means for dosing the isolated and evacuated channels with a pre-determined quantity of the liquid.

Please delete the paragraph at page 10, lines 1-14.

Please replace the paragraph beginning at page 11, line 1, with the following rewritten paragraph:

In use, the first end 150 of the pressurisable container is removed from the second or base end 240 breaking the seal of sealable closure 130. Sealable closure 130 can comprise interlocking members (not shown) on first end 150 and second end 240 of the ~~contained container~~ and an optionally expandable o-ring or gasket made from a rubber such as a synthetic rubber polymer. A ceramic wall-flow filter 140 is placed inside the base end of container 120 and the first end is replaced and the container 120 is sealingly closed. By means of vacuum pump 160 and valve 200 controlled by CPU 220, a pre-determined reduction of pressure in container 220 and filter 140 is achieved by feedback from sensor 320 to CPU 220. Next, CPU 220 activates mixing of a liquid washcoat composition in reservoir 260 and a predetermined dose of the liquid is introduced into the de-pressurised container 240 by means of pump 310 and valve 300 under control of CPU 220, whereby the liquid contacts the surfaces of the channel walls of the ceramic wall-flow filter 140. Since the pore structure of the filter material has been evacuated, the liquid components permeate the walls of the channels. CPU

200 controls pump 160 and valve 200 in response to a detected pressure in container 240 by sensor 320 to increase the vacuum in container 240 to compensate for any loss of vacuum during dosing of the liquid component, which may affect permeation of the liquid component into the channels walls.